



Title: IMAGE FORMING DEVICE
AND METHOD FOR
CONTROLLING THE SAME
Inventor(s): Yoji MATSUDA et al.
Serial No. 10/022,527

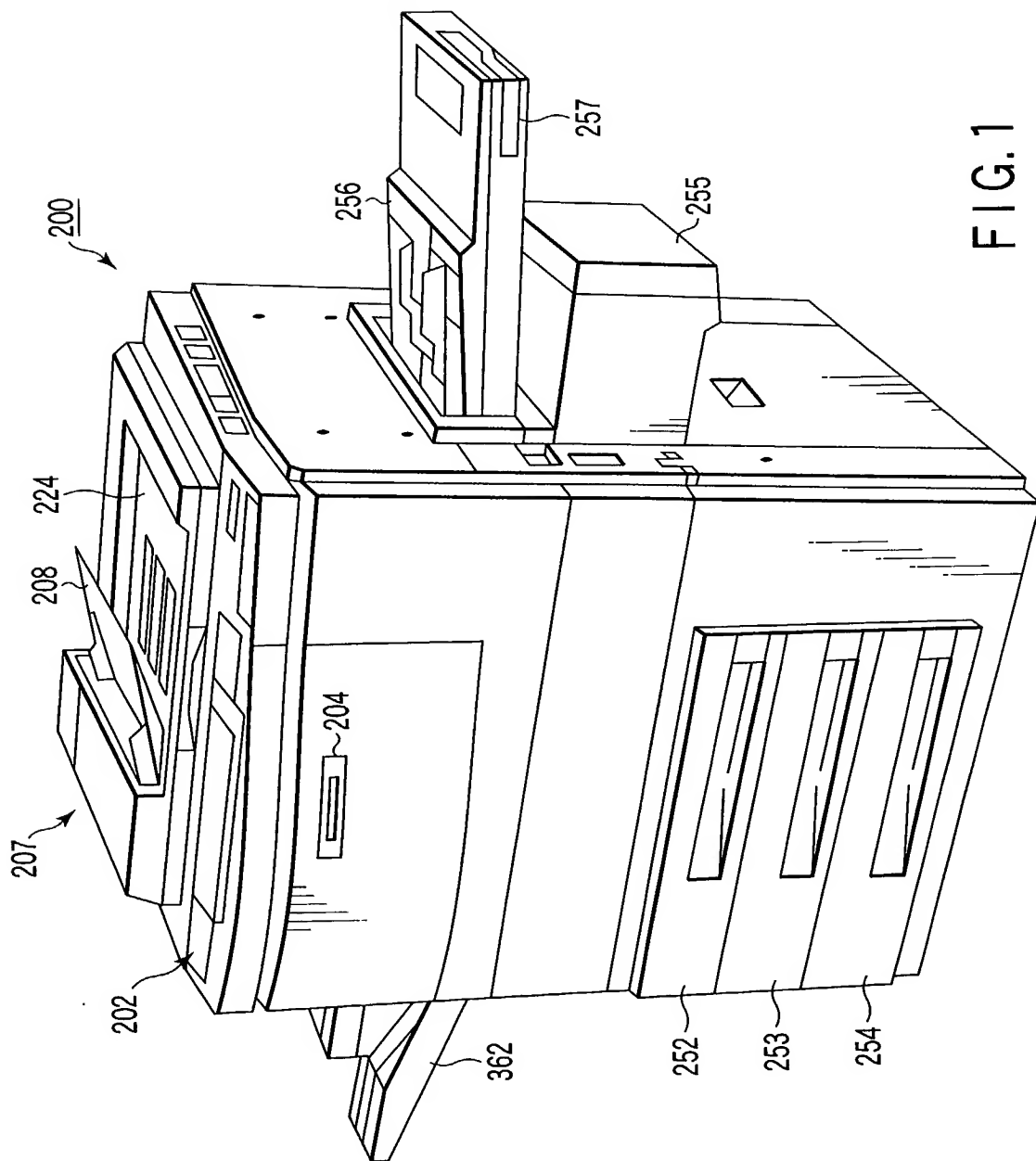


FIG. 1



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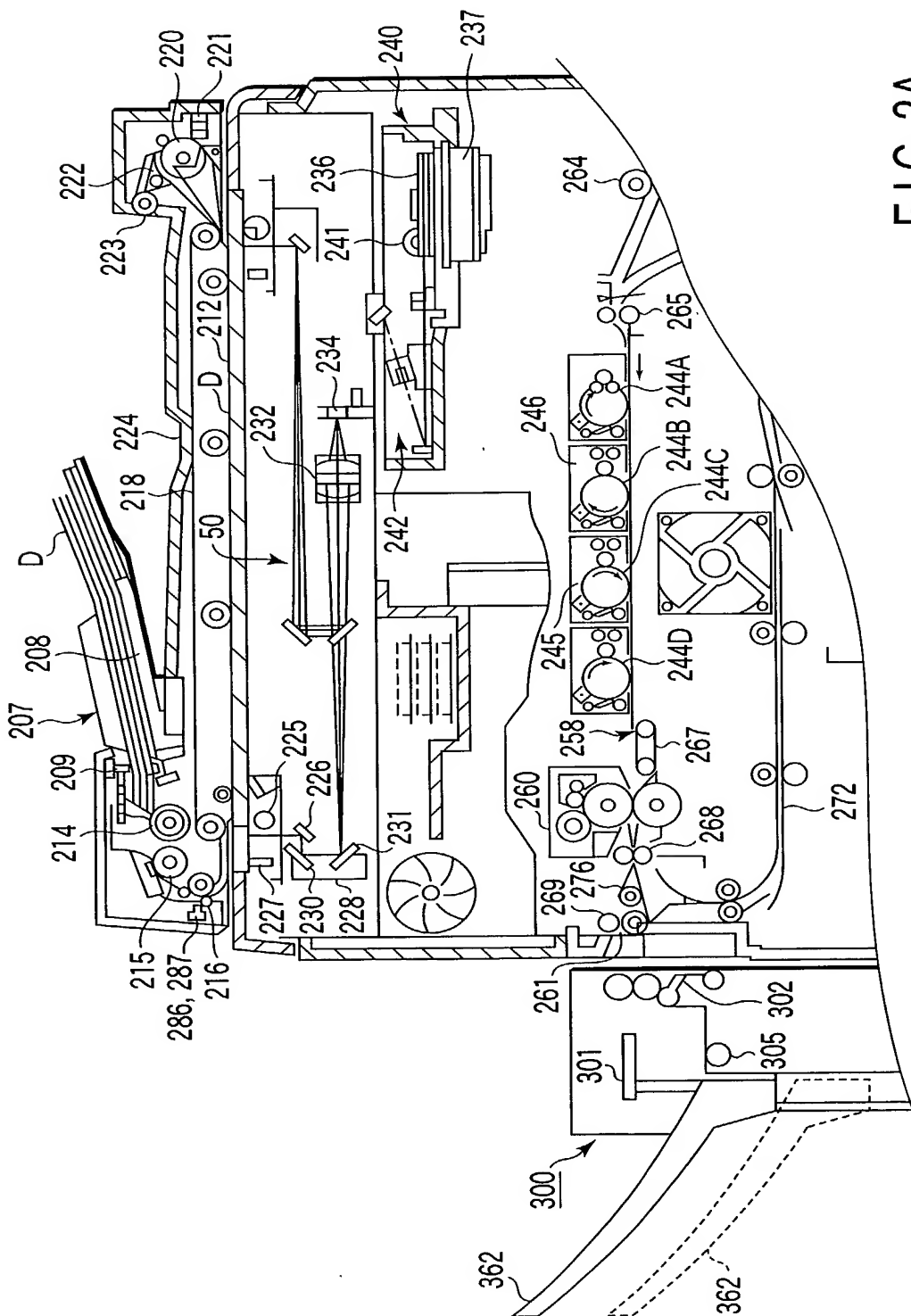


FIG. 2A



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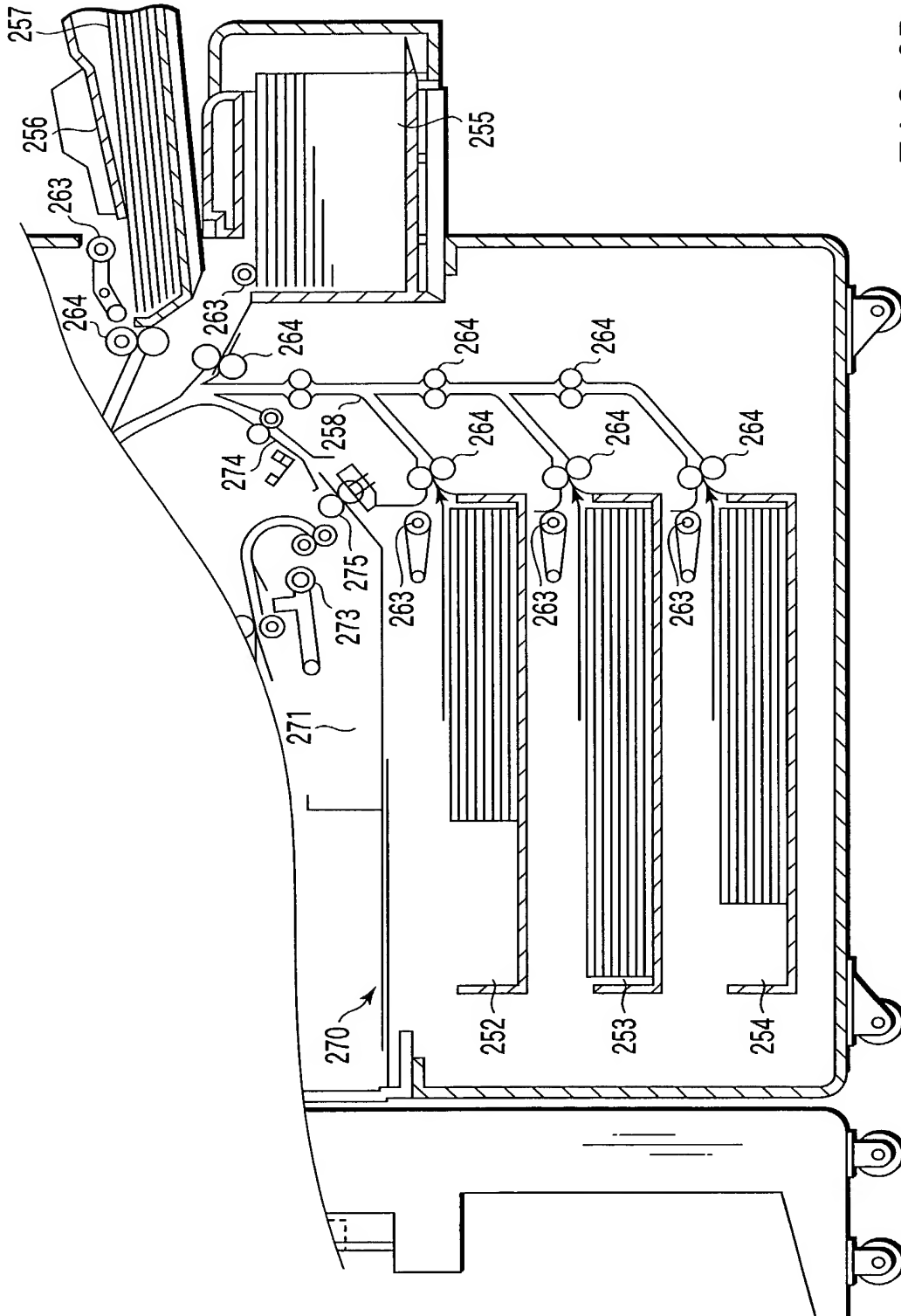


FIG. 2B

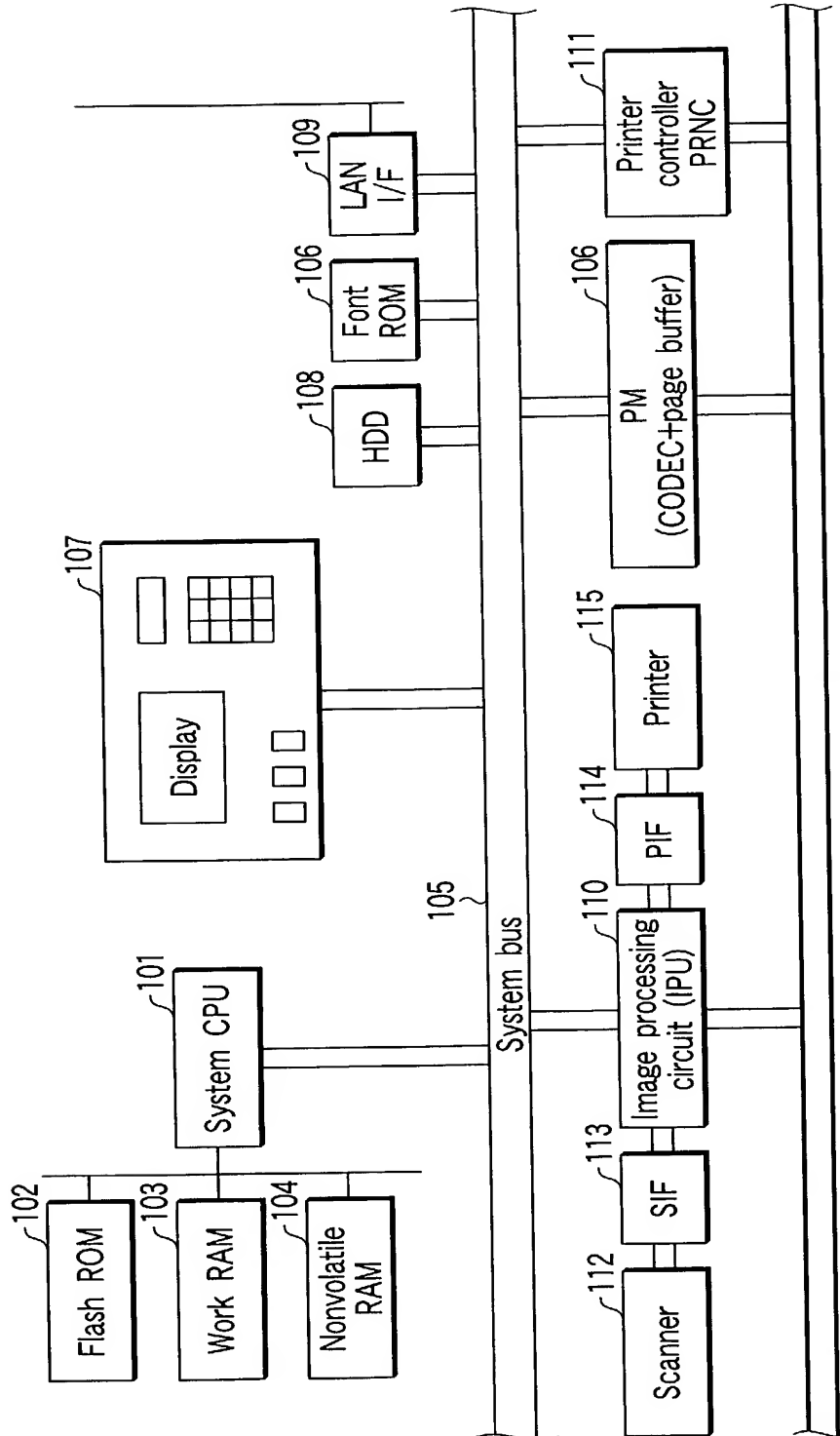


FIG. 3



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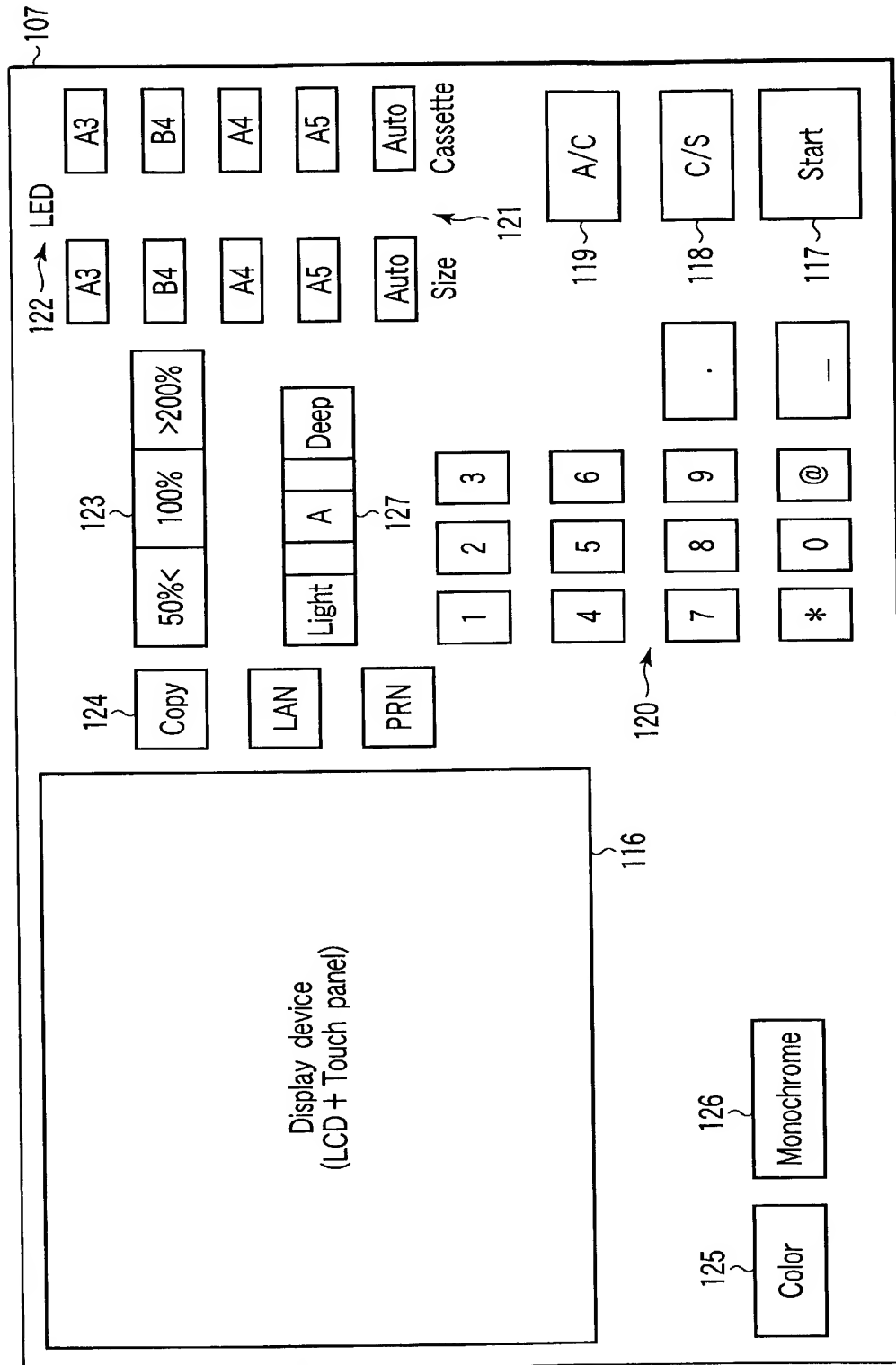


FIG. 4



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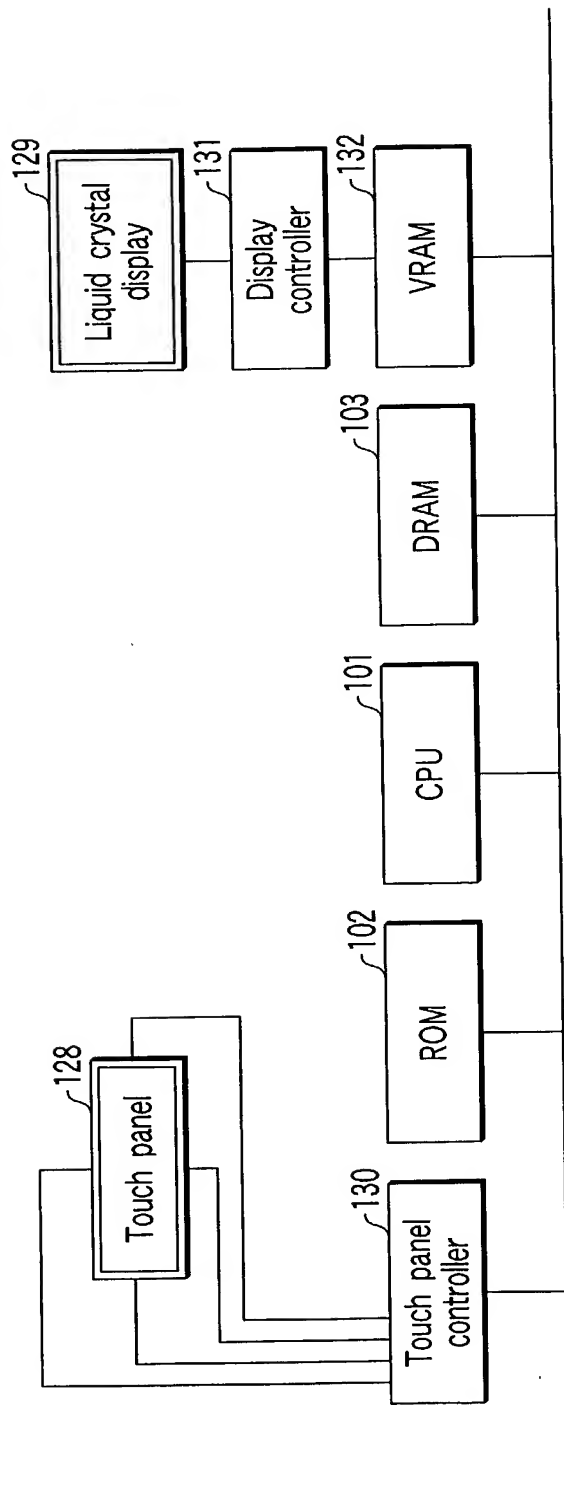


FIG. 5



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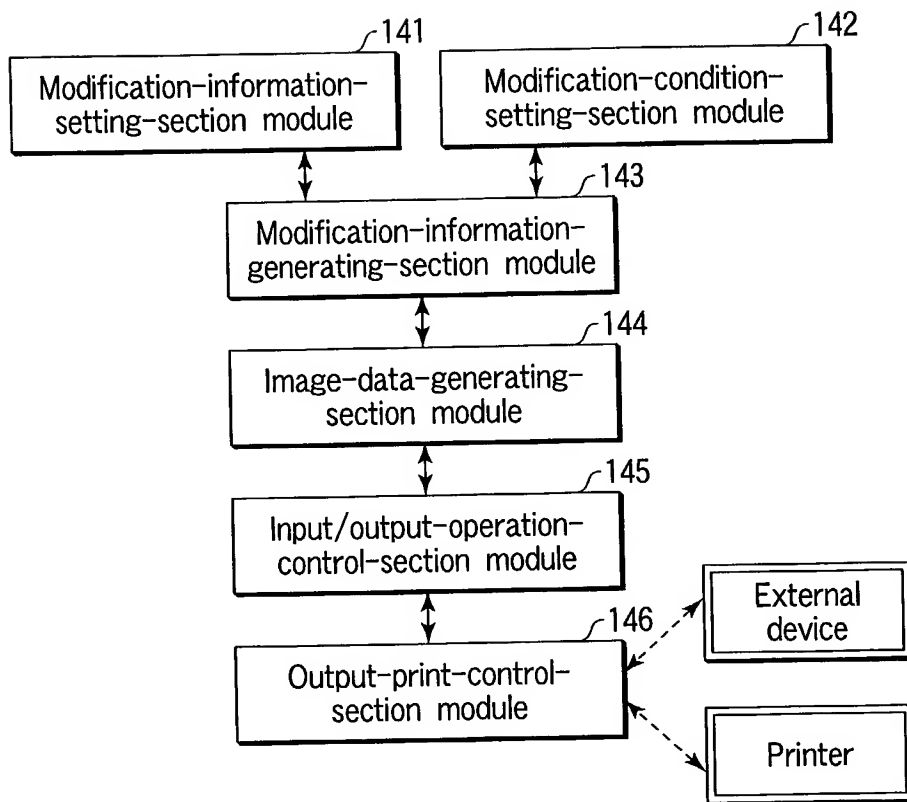


FIG. 6

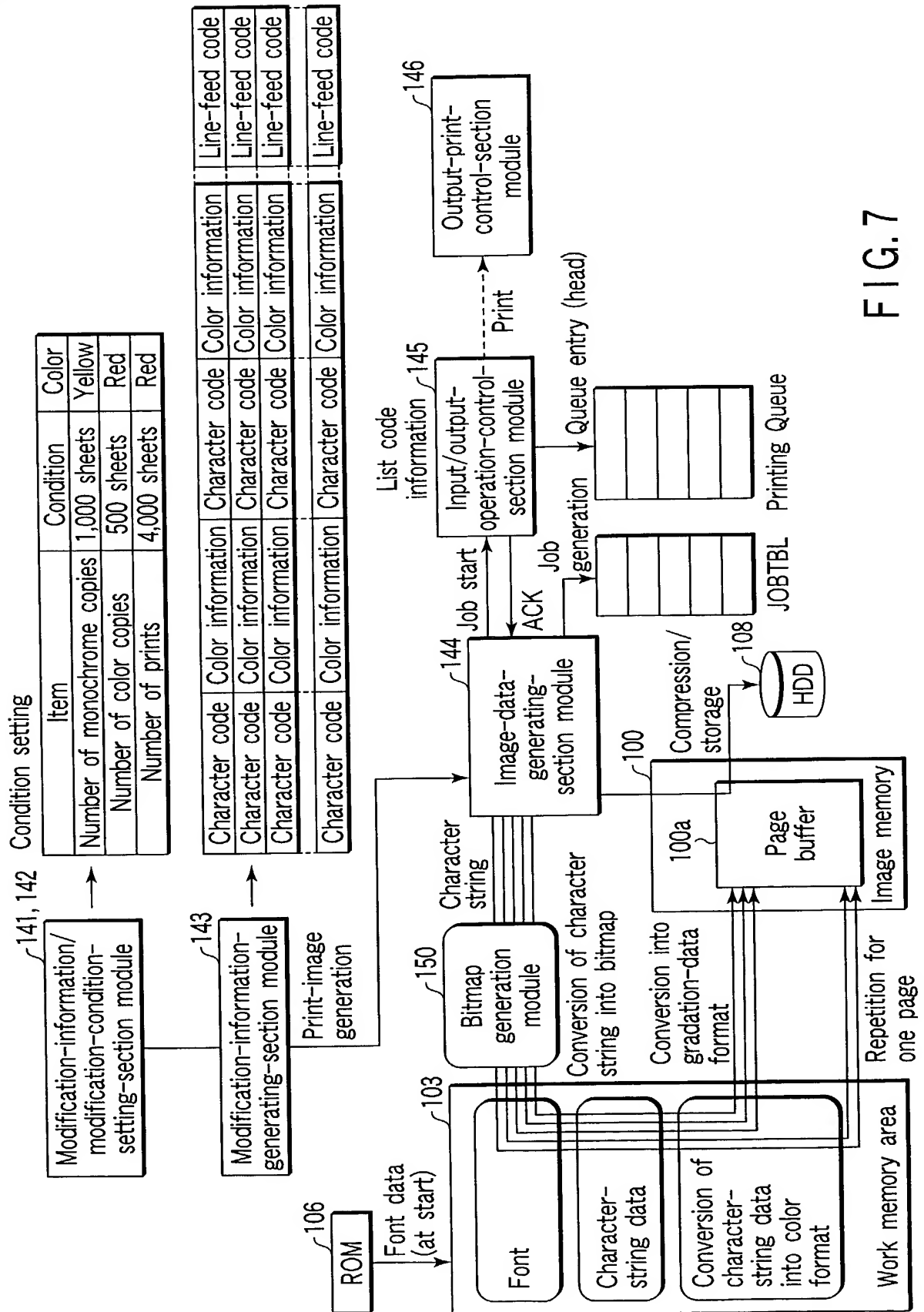


FIG. 7



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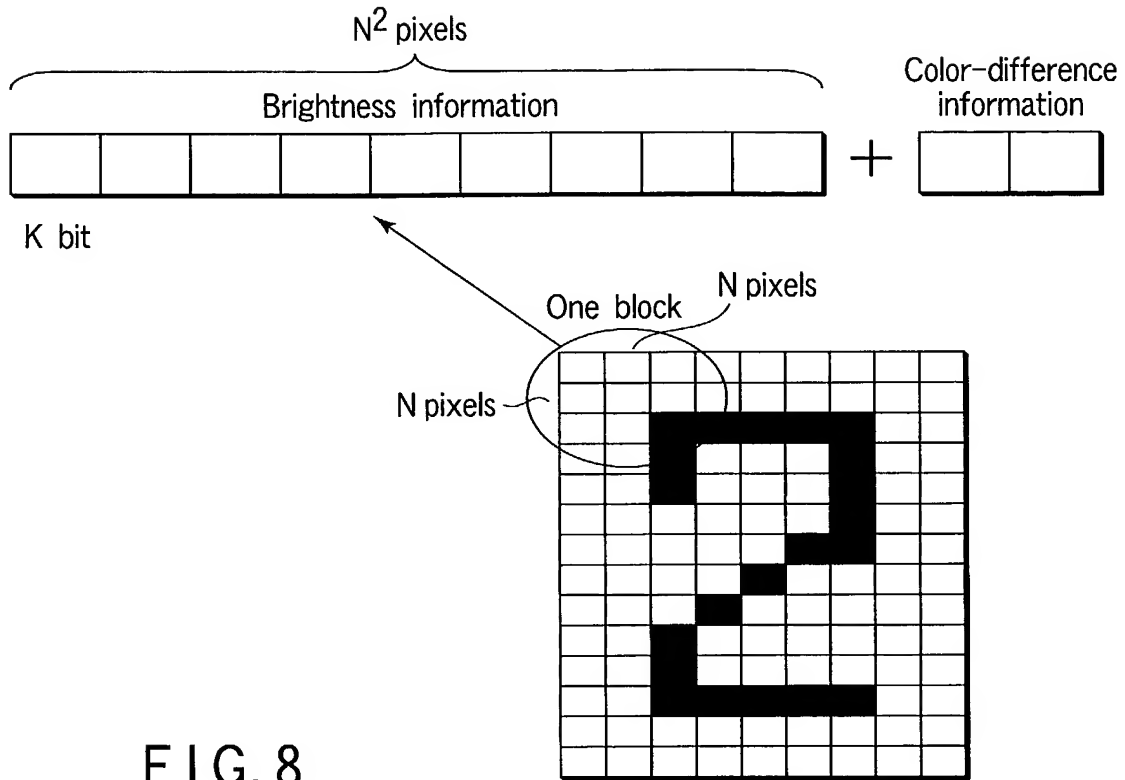


FIG. 8

Sector name	Number of copies COLOR	Number of copies BK	Number of prints COLOR	Number of prints BK
1	200	1200	100	2200
2	90	4500	104	300
3	200	3002	2200	500
4	190	300	1900	3100
5	-1	-1	-1	-1
⋮	⋮	⋮	⋮	⋮
998	-1	-1	-1	-1
999	-1	-1	-1	-1

FIG. 9A



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Sector name	Copy warning value 1 color	Color information	Copy warning value 2 color	Color information	Copy warning value 1 BK	Color information	Copy warning value 2 BK	Color information
1	1000	Red	4000	Green	1500	Red	2000	Green
2	-1	-1	-1	-1	-1	-1	-1	-1
3	150	Red	1000	Green	2000	Blue	3000	Red
4	100	Blue	1000	Red	500	Red	1000	Red
5	-1	-1	-1	-1	-1	-1	-1	-1
:	:	:	:	:	:	:	:	:
998	-1	-1	-1	-1	-1	-1	-1	-1
999	-1	-1	-1	-1	-1	-1	-1	-1

Print warning value 1 color	Color information	Print warning value 2 color	Color information	Print warning value 1 BK	Color information	Print warning value 2 BK	Color information
1500	Red	2000	Green	1000	Red	1500	Blue
-1	-1	-1	-1	-1	-1	-1	-1
2000	Green	3000	Red	1000	Red	2000	Red
2000	Red	3000	Red	1000	Red	2000	Blue
-1	-1	-1	-1	-1	-1	-1	-1
:	:	:	:	:	:	:	:
-1	-1	-1	-1	-1	-1	-1	-1
-1	-1	-1	-1	-1	-1	-1	-1

FIG. 9B



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Select item to be warning-displayed

Number of color copies	Number of color prints
Number of monochrome copies	Number of monochrome prints

OK Cancel

FIG. 10A

Select item to be warning-displayed

Number of	<input type="text" value="200"/>	sheets	Color	<input type="text" value="Red"/>
Number of	<input type="text" value="1000"/>	sheets	Color	<input type="text" value="Blue"/>
Number of	<input type="text" value="1500"/>	sheets	Color	<input type="text" value="Green"/>

OK Cancel

FIG. 10B

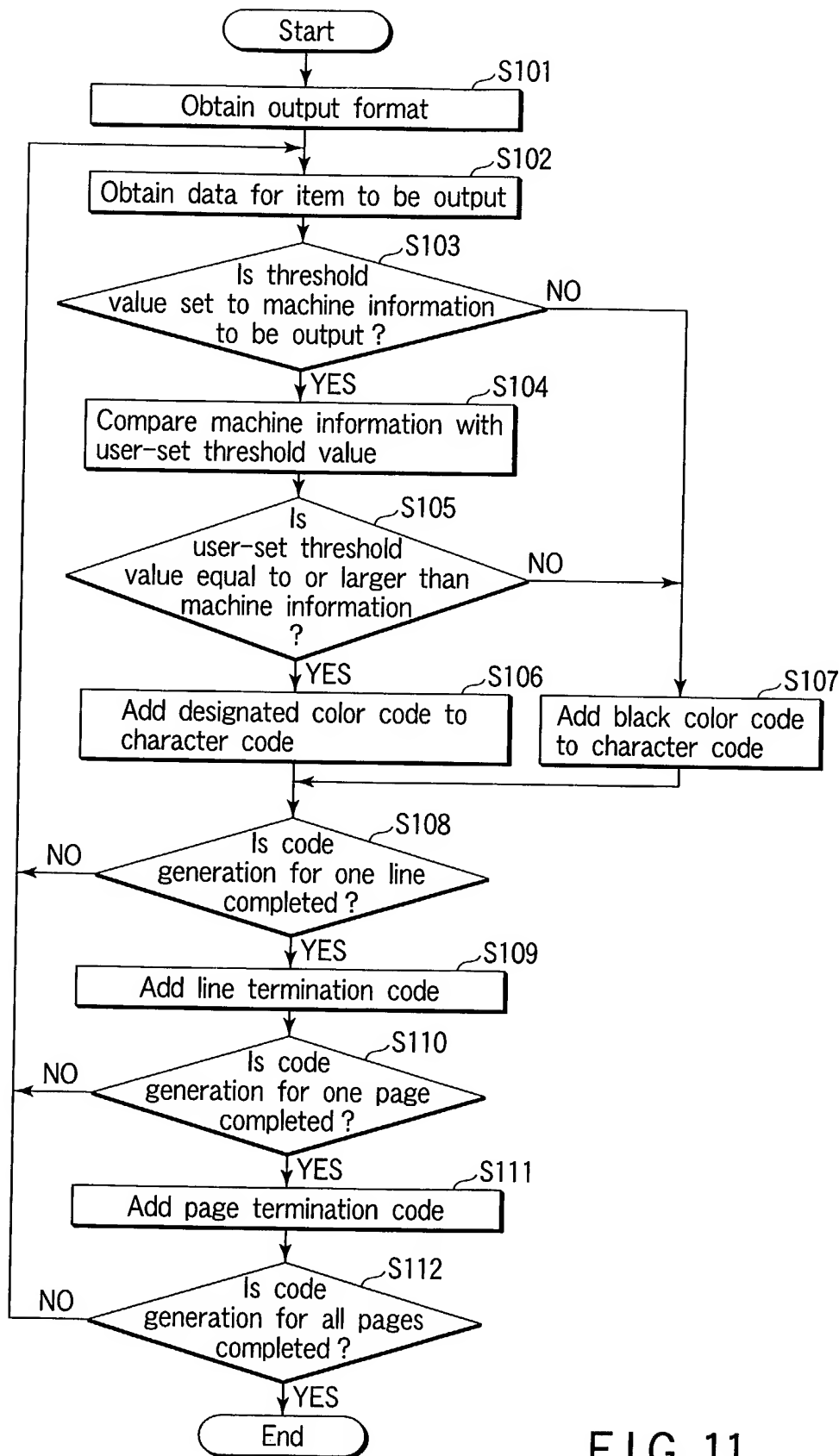


FIG. 11

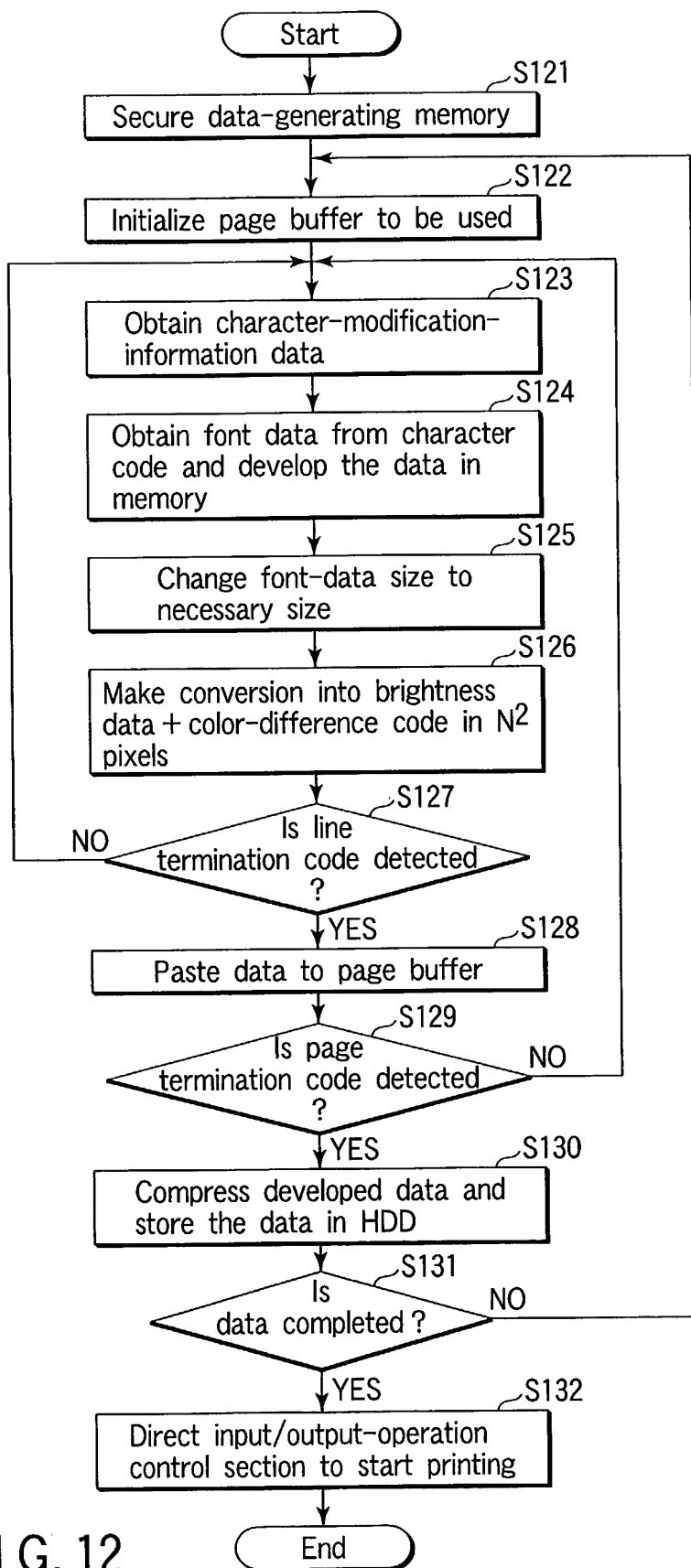


FIG. 12

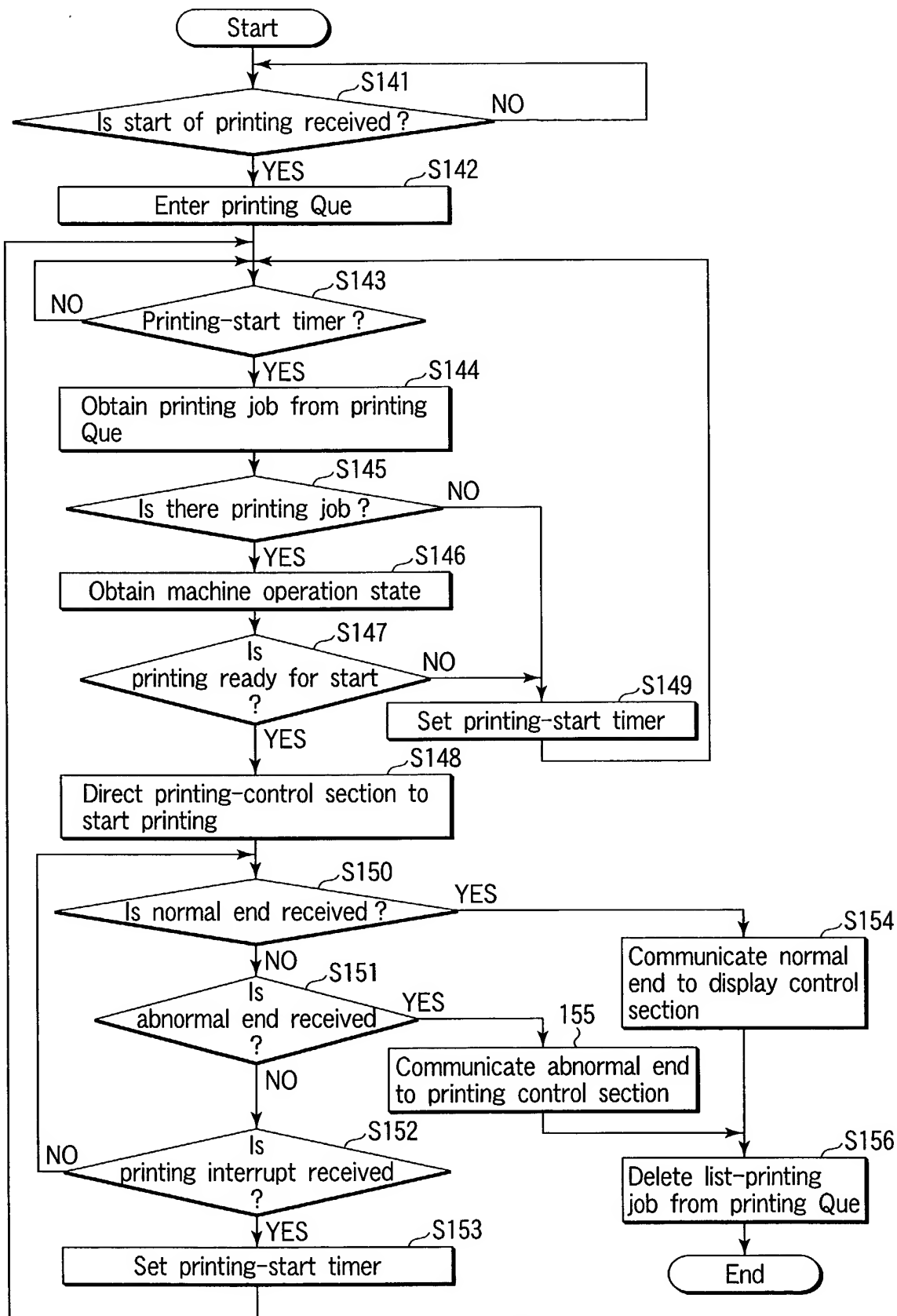


FIG. 13

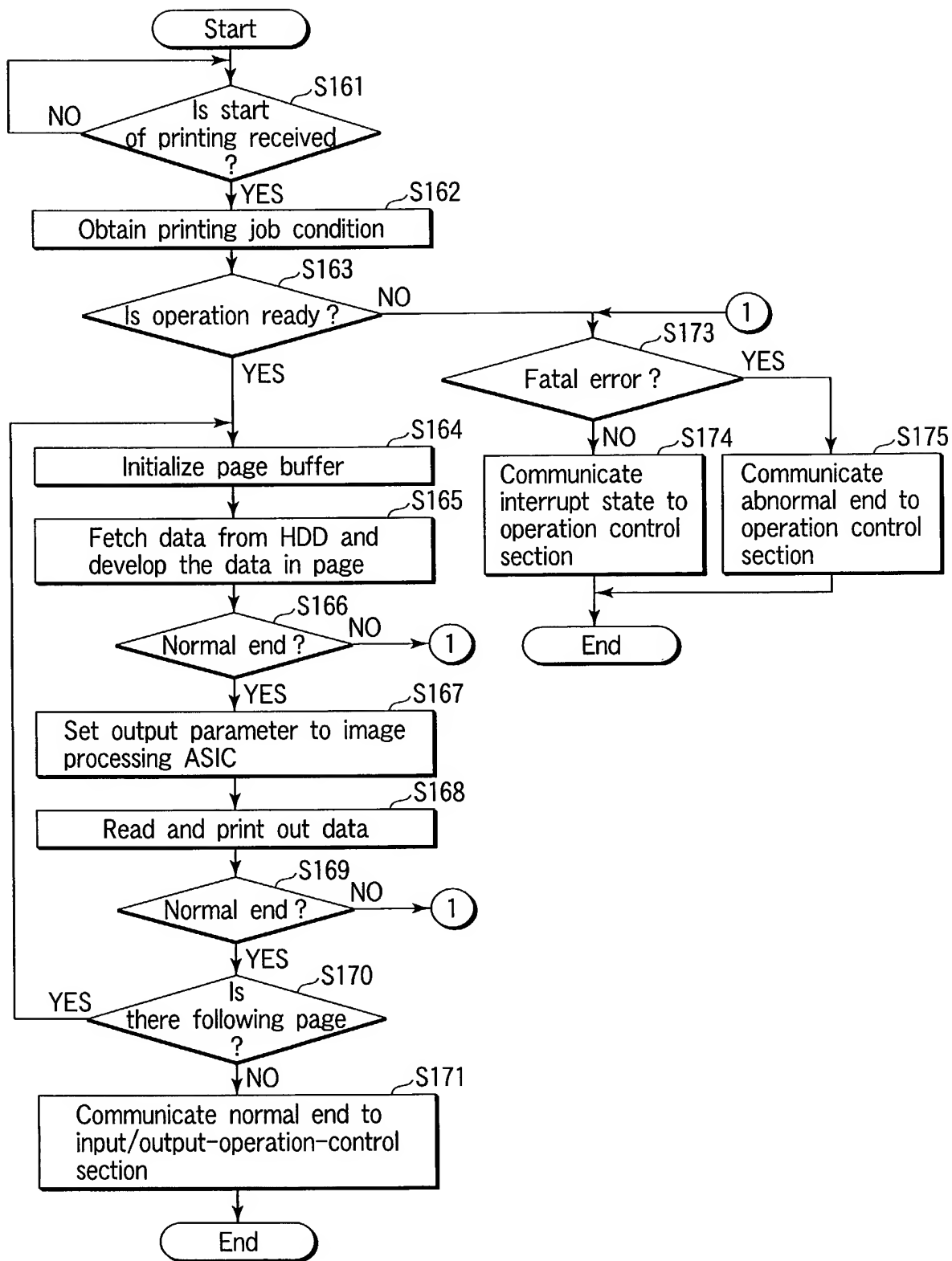


FIG. 14



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```

aBUF = {
    "0x0A",
    "    USER, C0, INFORMATION, C0",
    "0x0A",
    "                Copy (Color/BK), C0,        Print (Color/BK), C0",
    "0x0A",
    "    SECTION 1, C0,    200, C0,/, C0, 1290, C0    1000, C0,/, C0, 2200, C1",
    "0x0A",
    "    SECTION 2, C0,    090, C0,/, C0, 4500, C0    104, C0,/, C0, 300, C0",
    "0x0A",
    "    SECTION 3, C0,    200, C1,/, C0, 3002, C2    2200, C1,/, C0, 500, C0",
    "0x0A",
    "    SECTION 4, C0,    200, C1,/, C0, 300, C0    1900, C0,/, C0, 3100, C2",
    "0x0A",
    "LFLFLF"};

aData [8] [2] = {
    C0, 0x00110101,    /* Black        */
    C1, 0x01010011,    /* Red          */
    C2, 0x01000001,    /* Blue         */
    C3, 0x01110100,    /* Yellow       */
    C4, 0x10000001,    /* Green        */
    C5, 0x11000010,    /* Purple       */
    C6, 0x11110010,    /* Yellowish green */
    C7, 0x11111000,    /* Pink         */
};

```

FIG. 15



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User information		
	Copy (Color/BK)	Print (Color/BK)
Section 1	200 / 1290	1000 / <u>2200</u> ~ "Red"
Section 2	090 / 450	104 / 300
Section 3	"Red" ~ <u>200</u> / <u>3002</u> ~ "Blue"	"Red" ~ <u>2200</u> / 500
Section 4	"Blue" ~ <u>190</u> / 300	1900 / <u>3100</u> ~ "Blue"

FIG. 16